x = Distance from edge of panel,

y = Distance between sign light mount when more than one fixture is required (see chart).

### Location Of Sign Lighting Mount (Dimensions In Feet)

<table>
<thead>
<tr>
<th>Sign Size (in.)</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
<th>14</th>
<th>16</th>
<th>18</th>
<th>20</th>
<th>22</th>
<th>24</th>
<th>26</th>
<th>28</th>
<th>30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Fixtures</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Mount Size</td>
<td>4x2</td>
<td>4x2</td>
<td>4x2</td>
<td>4x2</td>
<td>4x2</td>
<td>4x2</td>
<td>4x2</td>
<td>4x2</td>
<td>4x2</td>
<td>4x2</td>
<td>4x2</td>
<td>4x2</td>
<td>4x2</td>
</tr>
<tr>
<td>X’ feet</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td>Y’ feet</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>12</td>
<td>12</td>
<td>14</td>
<td>14</td>
<td>16</td>
<td>16</td>
<td>0</td>
</tr>
</tbody>
</table>

### NOTES:

1. All materials and construction shall conform to the requirements of the Specifications.
2. When sign panels are placed side by side, locate the lighting fixtures using the sum of the sign panel lengths.
3. When sign panel heights do not equal heights shown, round up to the next whole number shown.
5. Use top-mount sign lighting.
6. The spacing and number of fixtures shown on this drawing is based on IPS sign light, not 85 Watt PHILIPS QL lamp. Actual layout and number of fixtures may vary based on photometric calculations.
7. Lighting loss factor (LLF) is to be 0.75.
8. Lumen rating is to be 6,300 lumens.
9. The Lighting performance criteria is: 6 to 10 footcandles average with a 3 to 1 or better average to minimum and a 5.5 to 1 maximum to minimum uniformity ratios.

### PLAN SYMBOL

Placement of Lighting fixtures for overhead signs.